## RANGER RICK'S NATURE MAGAZINE

## Annual Index 1973

January through December



Published by the National Wildlife Federation 1412 Sixteenth Street, N.W. Washington, D.C. 20036

You can use this index to help you find anything that was in Ranger Rick's Nature Magazine from January to December 1973. Just look in the alphabetical listing for the subject you want to find. After each subject are the month and page number in which that subject appeared. For example, You want some information on the clam. Look for the word clam in the Cs. You will see Clam; July 16 You will find what you need on Page 16 in the July issue

Adaptation, to environment jack rabbit, blacktail, whitetail, Feb. bk. cov., desert animals, Mar. 3-9, desert plants, Mar. 3-4.

Adirondack Mountains, Feb. 45.

Airplane, Feb. 38.

Albatross: black-footed: Feb. 38, gooney bird. Feb. 37-39, Laysan, Feb. 38.

Alligator, Mar. 33, July 13.

Ambush bug, Jan. 47.

Amphibian, clawed frog: Feb. 22, flying frog: Nov. 27-29, frog. Mar. 37, Nov. 5, salamander, Dec. 22, toad; Mar.

Animal behavior: May/June 33: cougar Mar 22: crow: July 37, 38; elephant Aug./Sept. 3-7: hyrax: Aug./Sept. 28 gooney bird: Feb. 39; monkey: May/ June 24, 25; squirrel: Apr. 6, 8, 9 Animal young: Alaskan für seal: Dec. 3-7 Baltimore oriole: Jan. 8; beaver:

Baltimore oriote: Jan. 8, beaver, July 6, 8, bobcat: Jan. 25; Canada goose: May/June 47, bk. cov., caribou, Jan. 24, cougar. Mar. 26; deer. May/June 41-45, dolphin: Jan. 25, elephant. Aug. (Sept. 5-7, 19-25, grizzly bear: Apr. 34-36; hoopoe: Jan. 43. Japanese macaque: May/June 24, opossum. Jan. 23, termite. Aug. (Sept. 32; vervet monkey. Jan. 23, wild turkey. Nov. 44-47; wood duck: Mar. bk. cov.

Anole Dec 22, 45 Ant Mar 37 Aug /Sept 34, carpente Nov, 22, 25 Anteater, Feb. 12

Antelope klipspringer Nov fr. cov. 36-37; pronghorn: Jan. 20-21

Dec 29
Antlion Mar 38
Aphid May June 10
Appalachia Jan 31
Arctic Ocean Feb. 40
Arroyo: Feb. 10

Athabascan Indians: Jan. 44-49 Automobile: cause of death and injury to animals and people: Feb. 27-30 ackpacking: May June 3-8
Baleen: Feb. 40
Bamboo: Nov. 13
Barnacle: Feb. 40, 42
Basilisk: Feb. 33, Dec. 24
Bat: Feb. 23, Mar. 38, red. Jan. 23
Bathyscaphe: July 15
Bear: Alaskan brown: Kodiak: Apr. 33-30
bk. gov., grizzly: Apr. 34

Beaver July 3-9: mountain, Nov. 23, 25
Beetle Nov. 25, flea Dec. 13. Goliath,
Nov. 42, 43. ladybug: May/June 9.
Nov. 42, 43. larvae, Nov. 20, 25,
longhorned: Nov. 20: Mexican bean:
May/June 10; scerab; Nov. 24, 25;
snail-eating: Nov. 22, soldier: Mar. 8,
stag: Nov. 43; wood: Nov. 22.

Bell Museum of Natural History Mar 28 Bering Sea: Feb. 40, 41 Bicycle: Jan. 10 Bighorn sheep: May/June fr. cov

mrt See individual names, behavior
Mar 46-47; field markings; Mar 44-45
nesting: Jan. 6, 8, Mar 3, 41-47,
Oct. 8a, Nov. 4, Dec. 27, pest control:
May/June 9, 10; rookery; Aug./
Sept. 16; size and shape. Mar. 42-43;

wings, vestigial. Feb. 32 Birdfeeder Jan. 37, Feb. 16 Birdwatching: Mar. 41-47, Apr. 44-47, May/June 26-29

Blackbird, red-wing: May/June 26 Blackbird, red-wing: May/June 26 Boa constrictor: Cook's tree: Feb. 25

agle, bald, May/June 27

alcon peregrine Feb 23

with July 22 tripod fish July 16

Fossil Feb. 4, May/June 24, mammoth:

Goldfinch Mar 47 Apr 44, 45 Gooney bird See Albatross

guana Dec 20 22

Insect African mantis. Nov. 42, 43; ambush bug. Jan. 47, anopheles mosquito. Nov. 43, ant. Mar. 37, antlion. Mar. 38, aphid. May/June 10, bee. Mar. 9, beetle. See. Beetle., butterfly. Mar. 9, camel cricket. Nov. 23, 25, carpenter ant. Nov. 22, 25, caterpillar. May/June 16-19, July 40, 42, Cecropia moth. Nov. 22, cicada. Oct. 46, cricket. Oct. 16-17; cutworm. May/June 10; grasshopper. Apr. fr. cov., green cabbage worm. May/June 10, gypsy moth. May/June 16-19, July 32-33, ichneumon wasp. Nov. 23, lacewing. May/June 9, locust. Nov. 42, 43, luna moth. July fr. cov. 40-42. Polyphemus moth. Dec. 30, praying mantis. May. June 9, 10, sphinx moth. Nov. 21, swallowtail butterfly. Nov. 42, 43, syrphid fly. Nov. 24, termite. Aug. /Sept. 23-24, Nov. 24, 25

Jack-o -lantern: Oct. fr. cov. 3-6 Jaguar Mar. 24 Jay Mar. 43, blue: July 31, scrub: July 30, Stellar's: Nov. 22 Jellyfish: July 22 Junco: Oregon: Nov. 24

Angaroo Dec 12
Kingbird: Mar. 44
Kingfisher: May/June 27
Kinglet: golden-crowned: Mar. 44
ruby-crowned: Mar. 44
Kiwi: Feb. 32
Klipspringer Nov. Ir. cov., 36-37
Kohoutek's comet: Dec 11
Komodo dragon, Dec. 22

adybug Nov 42, 43, farvae: Dec. 28, as pest control: May/June 9

Lagoon: Feb. 40, 41, 43 Leopard: Mar 24, May/June 31, 32 Lion: African: Mar 24, mountain: Mar 22-27, Dec. 13

Lizard anole: Dec. 23, 45, basilisk: Feb. 33, Dec. 24, beaded: Dec. 22; flying: Dec. 23, frilled: Dec. 23; gecko: Nov. 33, Dec. 23, 45; Gila monster: Dec. 22, 23, horned: Mar. 8, 9, Dec. 22, 24; iguana: Dec. 20, 22, Komodo dragon. Dec. 22, monitor: Dec. 22, rainbow. Dec. 21; spiny: Dec. 24, worm: Dec. 24, lobster: July 18, voney, Dec. 20, 20

Mangrove tree red. Dec. 42-47
Mantis: African Nov. 42, 43; praying

Map: migration route of California gray whales: Feb. 40; world deserts: Feb. 10-11

Mastodon Aug /Sept. 12, 14, 15
Mating, Alaskan fur seal. Dec. 4, Baltimore
oriole: Jan. 7, bear. Apr. 34; beaver:
July 7, 8; brown bear. Apr. 36;
California gray whale: Feb. 43; cattle
egret: Aug./Sept. 17; cougar: Mar. 26;

deer May/June 42 elephant Aug./ Sept 7, flying frog. Nov. 28: klipspringer: Nov. 37, luna moth: July 40, 42. *Phicomas sedentaria*: Nov. 26 sau: July 27, 28; termite: Aug./Sept. 34, whelk. Apr. 12-13.

Meadowlark Mar 43, 44, Apr 44 Mesquite: Mar. 4

Migration: May/June: 31-33, Alaskan fu seal: Dec. 4, 8, Arctic tern: Oct. 7-9 California gray whale: Feb. 40-43

California gray whall Millipede Nov. 22, 25 Mineral deposit Feb. 10 Mink: Mar. 38 Mockingbird: Mar. 43 Molting: cricket: Oct. 17 Mongoose: Mar. 10-11

onkey baboon: May/June 22, 24.
Barbary ape May/June 22, behavior of: May/June 24, 25, colobus: May/June 22: DeBrazza:s: May/June 21: diet of: May/June 22: golden marmoset: May/June 20, Japanese macaque: May/June 22, 24: mandrill: May/June 22: mangabey: May/June 20; New World: May/June 24, 25, Old World: May/June 24, 25, patas: Feb. 32 proboscis: May/June 20; saki winki: May/June 20; squirrel: May/June 22; ukari: May/June 23; woolly: May/June 21

fonterey, California: Dec. 3-8

loth, Mar. 37, July 13, camouflage: Nov. 5

Cecropia: Nov. 22, cocoon. July 40,
42, gypsy. control of: May/June 19,
July 32-33, luna. July fr. cov., 40-42;
Polyphemus: Dec. 30; sphinx: Nov. 21

It. Rainier National Park: Nov. 32

Mouse Pacific jumping: Nov. 23, 25, white footed: Feb. 19-21, Mar. 36, Oct. 26 Mulch: May/June 10, 11

Muskrat: Oct 27, 28 Mustang: Apr 29-32

Nature Club News: Jan. 33-35, Feb. 34-35, Mar. 13, May/June 14-15, July 32-33
Newt: See Salamander
Noise anti-noise laws: Mar. 33
Nuthatch: Mar. 46, red-breasted. Apr. 47,

cean currents: Feb. 10; exploration of July 20-23; floor: 14-19; Mariana Trench: July 15; Pacific: Feb. 10; July 15 Contillo: May 5; 6

Ocotillo: Mar. 5, 6
Ollie Otter's Fun Page: Jan. 36-37, Feb. 12-13, Mar. 40, Apr. 10, May/June 34, Aug./Sept. 35, Nov. 15, Dec. 28
Opossum, Jan. 23, Feb. 5

Orbit of comet Dec 10
Oriole: Baltimore: Jan. 6-8
Osprey: May/June 27
Otter: Apr. 21

Mar 38: barred Apr 46: burrowing Mar 7: ell: Apr 45: great homed Oct 24, 27; bk. cov., Nov 21, 25; Rangers drawings of: Mar. 16-17

Oyster-catcher Dec. 45

Paloverde tree. Mar. 4
Panda giant: Nov. 11-14 bk. cov.
Panther: Mar. 24
Parks and Wilderness Areas: National Par
living: Nov. 30-34, Rawah: May/June.
3-8, Tsavo National Park (Africa).

Aug / Sept. 22-23
Peacock: Dec. 30-31
Peanut: Aug / Sept. 8-10
Pelican: Dec. bk. cov., brown: Dec. 45
Penguin: king: Feb. 26
Pest control: May/June 9-10
Pheromone: July 40
Phronima sedentaria: Nov. 26
Plant: alligator weed: Dec. 13, hamboo.

ant alligator weed. Dec. 13. bamboo
Nov. 12-13. bigleaf maple tree. Nov.
21. creeper blackberry. Nov. 23.
dandellon: May/June 35-39; desert:
Feb. 9. Mar. 3-6. Douglas fir tree.
Nov. 20-25. moss: Jan. 39. Nov. 25.
oak fem: Nov. 25. Oregon grape.
Nov. 22. pumpkin: Oct. fr. cov., 3-6.
red huckleberry. Nov. 21, 25. red
mangrove tree. Dec. 42-47. spring
beauty. Nov. 24. sword fern. Nov. 21.
25. vine maple. Nov. 20, 25. twinflower.
Nov. 22: trillium: Nov. 24; trees. Jan.
38-39; yellow violet. Nov. 21. See also
individual names.

Plover black-bellied: May/June 29 Pollution: air: Jan. 27, Oct. 15. The Culprits' (play) Oct. 30-35; water: Jan. 28, 30, Oct. 30-35; See also: Conservation and environmental problems."

Population: Apr. 22-28
Porcupine: Mar. 22, Dec. 31
Porpoise: Jan. 10, Mar. 33
Postage stamp: Nov. 42-43
Praying mantis: May/June: 9, 10
Prehensile tail: May/June 22, 24
Pribilof Islands: Dec. 3-8
Ptarmigan: Nov. 6
Puma. Mar. 24
Pumpkin: Oct. fr. cov. 3-6
Pupfish: Mar. 9, Apr. 41-43

abbit Mar 37 blacktarl jack: Feb. bk. cov.; cottontail: Oct. 26, jack. Mar. 8, marsh: Dec. 45; whitetail jack: Feb. fr. cov.

Raccoon: Apr. 18-19, Dec. 45
Radio: tracking by: May/June 30-33
Rail: clapper: May/June 28, Virginia
May/June 26

May/June 26

Ranger Rick and His Friends controlled burning of forests: July 43-46, elephants and tigers in India. Aug / Sept. 44-47, feral animals. Nov. 16-19. gypsy moth. May 16-19, highway deaths of animals: Feb. 27-30. How Rick's Rangers Came to Be. Mar. 18-21, reunion. Dec. 17, strip mining. Oct. 18-21, trash heaps and recycling Jan. 16-19, wild mustang. Apr. 29-32.

Recipes: Oct. 39
Rhinoceros: Mar. 32
Robin: Mar. 43
Rockfish, July 17
Roots: of red mangrove tree: Dec. 4
taproot: Mar. 4

Sabletish July 18
Sagebrush Feb 9
Saguaro grant Mar 4-5
Salamander Dec 22 red spotted newt.
Dec 22
Salmon Atlantic Dec 12 sockeye
Jan 44-45
Salb Nov 26
Salt flat Feb 10
Sand desert Feb 11
Sandpiper Mar 47 sanderling May/
June 29 semi-palmated May/June 29 yellowlegs Mar 43
Sawfish Feb 26
Scales of lizard Feb 26 Dec 21-22 of moth Dec 30
Scallop Mar 37
Scorpion Mar 9
Sea See Ocean
Sea cucumber July 16
Seal Alaskan fur Dec 3-8 birth of Dec 4, harbor Jan 23, northern elegnant Jan 11
Seashell Apr 12-13, sound in Oct 15
Sea star See Starfish
Sea worm July 16
Sewellet See Beaver
Sheep bighorn May/June fr cov.
Shell turtle Feb 4-6, shad July 25-27-28
Shrew Trowbridge Nov 21-25

Sight animal Feb 19-26 daytime Feb 20 eyes parts of Feb 19 20 26 human Feb 26 nighttime Feb 20 Skeleton Mar 30-32 for protection Feb

turtle Feb. 4 Ski patrol: Nov. 34

Smuggler of animal skin Dec. 12 Snall July 24-27: mating of July 27, sea (whelk) Apr. 12-13; sea hare: July 22 slugs. May/June 10, July 28, Nov. 20, wood: Nov. 25

Snake Mar 8, 9, Cook's tree boa constrictor. Feb. 25, red mangrove water Dec. 45, sidewinder rattlesnake Mar 8, 9

Snow in desert Feb. 11, living with Feb. 44-47

Snowmobile Feb 46 Snowshoe Feb 45 Solar wind Dec 9

Sonar navigation of whales, Feb. 43 Sparrow, Mar. 43, seaside, May June 28 Spawning, Apr. 42

Spider Mar 9 Oct 22-23, Nov. 25, doily Nov. 21 fishing Oct. 22, 23, hairy imperial Oct. 22, net-throwing Oct. 22 Springe, July 16.

Squirrel Jan 37, Apr 6-9, antelope Mar 6, Oct. fr. cov., defense of Apr 9 Douglas, Nov. 20, flying Feb. 23, 46, Apr 7, gray, Feb. 22, Apr 8, 9 ground Mar 9, red. Apr 8, 9

Stamps Nov. 42-43
Star Dec 9
Starfish July 16, brittle star July 16, crinoid July 16 feather star July 18 sea star Mar 39. Dec 31
Starling: Mar 42

Stray animal Nov 16-19 Stress Apr 27 Strip mining. Jan 28-32 Succession in beaver valley: July 8-9, in mangrove swamp. Dec. 43 Swallow. Mar. 42. May/June 26. July 30, barn. Mar. 43. cliff. Mar. 43, 45, tree. Mar. 43.

lail prehensilo May/June 22, 24
Tanager Apr 46, western May/June 7
Teal Mar 47
Temperature air Mar 8, 9, animal Mai
June 12-13, land: Mar 8, 9
Termite Aug Sept 32-34, Nov 24, 25
Tern Arctic Oct 7-9, common Apr 20
Thrasher Apr 44, brown Mar 44
Thrush May/June 30, wood Mar 44
Tiger Feb 31, Mar 24, Nov 2-3
Toad Mar 9
Towner Mar 44 rufus-sided Nov 23
Trapping of elephants and beers Aug

Tree Jan 38-39 balsam Feb 46 biglea maple. Nov 21 birch Feb 46. Douglas fir Nov 20-25, red mangrove. Dec 42-47. Tripod fish, July 46.

Tripod fish. July 16
Turkey, wild: Nov. 44-47
Turtle aduatic Feb. 6, box. Feb. 3-5,
green. Feb. 6, 7, leather-back sea.
Feb. 4, red-eared. Feb. 4, sea. Feb. 6
snapping. Feb. 6, wood. Feb. 7

United States Navy Feb 38
Useta-Think Twins Dec 9-11

Vireo: blue-headed: Mar. 44, 45; Philadelphia. Mar. 45; red-eyed: Mar. 44

Varietr black poll. Apr. 47. black-throated: Apr. 47. redstart: Apr. 46. Warm-blooded animal. May/June 12, 13. July 18.

Wasp: ichneumon: Nov. 23 Weasel: short-tailed: Dec. 15: 16: ermine Dec. 16

Weather Six Tricks for a Warm Winter Dec. 37-38: wind-chill charf Feb. 46 Whale California gray Jan. 10. Feb. 40-43: International Whaling Commission

Whelk Apr 12-13 See also Snail Sea Wind-chill chart Feb 46 Winter how to keep warm in Dec 38-39

Vise Old Owl Jan 38-39, May 36-39, May June 11, July 13, Aug /Sept. 37-39, Oct. 15

Wolf May/June 31 timber Mar 28 Woodcock Apr 46, young: Nov 4 Woodpecker: Mar 46, Apr 46 flicker Apr 47 gila Apr 45 Woodstork Dec 45

Woolly mammoth Aug. Sept. 12-15 Worm: See Earthworm Wren: Mar. 43, house: Apr. 45

ebra: Jan. 12-14

## GAMES, PUZZLES AND QUIZZES

Dut puzzle quali dan 15 Jokes and midles Sue 'Olite Otter's Page Nutry puzzles Aug i Sept 11 Plant quiz May June 34 Trans to do with nature May/June 34 Time To Surface July 34 Tracking Game May June 33 Who Knows What's For Dinner? Mai 36 Who sitere? Introduct Feb 12

POEMS AND SONGS

THINGS TO MAKE AND DO

Acom and pinecone crafts. Dec. 36-38
Animals in Stitches. Aug. Sept. 29-31
Birdfreders: cuconut. Jan. 37
Culprits. The liplay: Oct. 30-35
Dined flowers. July 10, 11
Erosido control. May. June 14-15
Gypsy moth traps. July 32
Nahonal Wildlife Week kir. Mar. 13
Nature Cub. News posters. Feb. 34
Recycled grafts. Nov. 8-10
Seashell crafts. July 11, 12
Seed brafts. July 12
Sourcel den boxes. Apr. 10
Touch and See Room. Mar. 28-32
What Can You Do. 2, June 32

